



MI-CW3407

August 27, 2007

# Michigan Crop Weather

## Rain Returns

Three days were suitable for fieldwork during the week ending August 26, according to the USDA, NASS, Michigan Field Office. Precipitation varied from 0.19 inches in the Upper Peninsula to 3.23 inches in the south central Lower Peninsula. Average temperatures ranged from 1 degree above normal in the west central, central, and south central Lower Peninsula to 4 degrees above normal in the southwest Lower Peninsula. Most areas across the State benefited from rain showers over the past week. A farmer in the southeast Lower Peninsula mentioned that, "The moisture has helped hay and pastures to green back up and may improve some field crop conditions. Some third cutting alfalfa may still be made if a window of dry enough weather opens up for baling." Another reporter in the southwest Lower Peninsula said that, "Plenty of rain in the last couple of weeks. It seems as the story has been written for grain crops and the rain was too late."

## Field Crops

Variable weather conditions brought much needed precipitation to all areas of the State. Although the wet conditions hindered field activities, the rainfall was a welcome relief to crop stress and drought conditions that existed across the State. **Corn** condition continued to vary. Isolated fields were damaged by high winds and tornadoes. Harvest of silage began in some areas. **Soybeans** continued to improve in the wet conditions and began turning leaves in some areas. Soybean aphids and spider mites continued to require scouting in some fields. **Alfalfa** re-growth responded well to the recent rainfalls; harvest of a third cutting continued with many growers hoping to complete one more cutting before September. Fall seedings were being made. **Oat** harvest was completed. **Dry beans** continued turning leaves. Feeding damage from bean leaf and Japanese beetles was found in some fields. **Sugarbeets** continued to add growth and progress nicely.

Soil moisture for week ending 08/26/07				
Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	5	10	62	23
Subsoil	15	24	53	8

Crop condition for week ending 08/26/07					
Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	17	30	30	21	2
Corn	16	18	38	26	2
Dry beans	4	16	58	21	1
Pasture	19	25	37	16	3
Soybeans	8	20	39	27	6

## Fruit

The harvest of early **apple** varieties continued; size, color, and flavor have been excellent. Fruit finish is relatively smooth on all apples due to the dry conditions during most of the growing season. **Blueberry** harvest neared completion, and fruit bud formation was underway. **Pear** harvest continued. PF25, PF27A, and Harcrest fresh market **peaches** were harvested; processing peach harvest continued in the west central, where size was diminished in non-irrigated orchards. Castleton, NY 6, Redheart, and other mid-season **plum** varieties were harvested. Fall **raspberry** picking continued. Veraison of Concord **grapes** ended in the southwest while fruit coloring of wine grapes in the northwest began. Powdery mildew and downy mildew were found in scattered vineyards.

## Vegetables

Continued rains slowed or stopped some vegetable harvest but helped to improve crops still growing and maturing. **Carrot** and **Celery** harvest continued. **Potato** harvest continued. Alternaria early blight and Colorado potato beetle problems continued in some fields. **Sweet corn** harvest continued. **Pumpkins** and **winter squash** continued to mature. Powdery mildew continued to be a problem in some fields across the State. **Tomato** and **pepper** harvest continued. **Onion** harvest continued. **Cabbage** and other **cole crops** continued to develop.

## Crop progress for week ending 08/26/07

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, third cutting	54	33	60	43
All hay, fourth cutting	1	NA	5	1
Apples, harvested	4	NA	3	NA
Blueberries, harvested	95	90	70	NA
Corn, dough	80	77	87	61
Corn, dent	35	20	42	21
Corn, mature	2	0	2	1
Corn silage, harvested	6	NA	8	2
Dry beans, turning leaves	21	8	81	36
Peaches, harvested	64	55	54	NA
Potatoes, harvested	8	5	18	NA
Soybeans, turning leaves	3	1	7	5

**Michigan Weather Summary for Week Ending 08/26/07<sup>1</sup>**

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
								Since April 1	For month		Since April 1	For month
Ironwood	82	45	2	1,905	1,931	1,568	0.21	0.27	0.54	8.84	15.63	3.69
Marquette	82	44		1,805	1,772		0.05	0.05	0.08	11.02		
Stephenson	79	44		2,001	1,977		0.01	0.01	0.01	7.06		
<b>Western UP</b>	83	43		1,897	1,880		0.21	0.27	0.40	7.48		
Cornell	78	46	2	1,939	1,893	1,369	0.20	0.25	0.56	8.89	14.74	3.53
Sault St Marie	75	51		1,763	1,774		0.22	0.37	0.54	7.67		
<b>Eastern UP</b>	83	41		1,777	1,761		0.19	0.25	0.42	9.51		
Beulah	79	52		2,093	2,074		0.65	1.08	1.10	12.56		
Lake City	84	50	2	1,989	1,941	1,768	1.47	1.55	2.00	12.62	13.77	3.11
Old Mission	86	51		1,991	2,009		0.89	0.93	2.09	8.05		
Pellston	83	49		1,929	1,971		0.44	0.44	0.65	7.81		
<b>Northwest</b>	86	49		1,968	1,948		0.72	0.82	1.74	10.17		
Alpena	88	50	2	1,979	2,012	1,715	1.27	1.27	1.44	13.74	13.85	3.12
Houghton Lake	84	51		1,995	2,021		1.95	2.36	2.82	13.49		
Rogers City	87	51		1,960	2,070		1.48	1.62	2.33	13.74		
<b>Northeast</b>	88	43		1,975	2,013		1.67	1.84	2.45	13.47		
Fremont	85	51	1	2,195	2,226	1,928	2.56	3.00	3.65	13.31	14.19	3.60
Hart	85	52		2,093	2,094		1.90	2.42	2.54	10.64		
Muskegon	83	56		2,254	2,258		1.92	3.66	4.94	13.61		
<b>West Central</b>	85	40		2,142	2,165		1.93	2.71	3.26	13.00		
Alma	87	52	1	2,311	2,250	2,000	1.93	3.21	3.88	15.97	15.07	3.64
Big Rapids	86	52		2,135	2,094		1.38	1.96	2.77	15.34		
<b>Central</b>	87	51		2,210	2,185		1.69	2.46	3.06	13.86		
Bad Axe	86	56		2,155	2,174		2.29	2.52	4.01	11.42		
Pigeon	88	56	2	2,065	2,143	1,993	1.99	2.42	3.44	11.83	13.60	2.93
Saginaw	87	52		2,306	2,298		3.22	4.27	6.74	17.12		
Standish	87	50		2,079	2,102		1.89	2.18	2.66	13.58		
<b>East Central</b>	90	50		2,121	2,190		2.20	2.72	4.14	13.52		
Fennville	87	53	4	2,232	2,187	2,163	1.03	3.00	5.00	13.35	15.67	3.18
Grand Rapids	90	56		2,522	2,428		2.78	4.94	5.99	16.10		
Holland	89	55		2,445	2,391		1.69	5.24	6.35	14.86		
South Bend, IN	89	56		2,621	2,466		2.71	5.34	9.00	22.28		
Watervliet	88	54	1	2,409	2,374	2,136	2.68	5.02	7.85	17.62	15.69	3.36
<b>Southwest</b>	90	45		2,395	2,323		2.63	4.88	7.26	17.63		
Belding	89	51		2,210	2,238		3.64	4.19	5.08	13.11		
Coldwater	88	53		2,267	2,287		3.04	4.42	6.36	15.94		
Lansing	88	53	1	2,356	2,358	2,127	3.13	5.42	6.32	16.33	15.16	3.12
<b>South Central</b>	91	49		2,299	2,348		3.23	4.56	6.26	16.20		
Detroit	88	60		2,556	2,608		2.86	3.92	6.04	16.12		
Flint	90	54		2,321	2,254		2.94	3.75	4.97	17.23		
Romeo	88	58	2	2,262	2,384	2,127	2.92	4.53	7.06	21.01	18.21	3.12
Tipton	88	56		2,310	2,323		2.74	5.14	9.52	20.67		
Toledo, OH	90	60		2,512	2,582		0.59	4.49	8.53	24.36		
<b>Southeast</b>	90	53		2,330	2,416		2.75	4.58	7.32	18.21		

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.